Index of Claims

Application/Control No.

10/542,006

Examiner

Quana M. Grainger

Applicant(s)/Patent under Reexamination

ASAKURA ET AL.

**Art Unit** 

2852

Α

0

Rejected Allowed

(Through numeral) Cancelled

N ı Restricted Interference

Non-Elected

Appeal

Objected

|                        |            |          |          |                  |                 |                 |          |          |           | <br>  |          | _            |                 |              |          |         |  |          |        |          |            |          |                 |          |          |          |          |           |          |   |
|------------------------|------------|----------|----------|------------------|-----------------|-----------------|----------|----------|-----------|-------|----------|--------------|-----------------|--------------|----------|---------|--|----------|--------|----------|------------|----------|-----------------|----------|----------|----------|----------|-----------|----------|---|
| Cla                    | Claim Date |          |          |                  |                 |                 | CI       | aim      | L         | Date  |          |              |                 |              | CI       | aim     | Date   |          |        |          |            |          |                 |          |          |          |          |           |          |   |
| Final                  | Original   | 4/23/07  |          |                  |                 |                 |          |          | i         | Final | Original |              |                 |              | :        |         |  |          |        | Final    | Original   |          |                 |          |          |          |          |           |          |   |
|                        | 1          | 4        | +        | $\vdash$         | Н               | $\dashv$        | -+       | 7        | $\dashv$  |       | 51       | $\vdash$     | Н               | $\dashv$     | +        | +       | 1  |          | 1      |          | 101        |          | $\vdash$        | ┪        | $\dashv$ | $\dashv$ | 一        | $\dashv$  | 十        | _ |
|                        | 2          | 5        | +        | $\vdash$         |                 | -               | -        | $\dashv$ | $\dashv$  |       | 52       | <del> </del> | $\vdash$        | $\dashv$     | $\dashv$ | +       | $\vdash$   | $\top$   | 1      |          | 102        |          |                 |          | _        |          |          | _         | $\dashv$ | _ |
|                        | 3          | O        |          |                  |                 |                 | _        |          | $\exists$ |       | 53       | 1            |                 | $\dashv$     | $\top$   | +-      |  | _        | 7      |          | 103        |          | П               | T        | 一        | $\neg$   | 一        | ヿ         | ヿ        | _ |
|                        | 4          | Ö        |          |                  | П               | $\Box$          |          |          |           |       | 54       |              |                 | $\neg$       | $\top$   | $\top$  |  |          | 7      |          | 104        |          | П               |          | ヿ        | $\neg$   | ヿ        |           | ヿ        | _ |
|                        | 2          | 77       |          |                  |                 |                 |          |          |           |       | 55       |              |                 |              |          |         |  |          |        |          | 105        |          |                 |          |          |          |          |           | $\Box$   |   |
|                        | 6          | J        |          |                  |                 |                 |          |          |           |       | 56       |              |                 |              |          | ŀ       |  |          | ]::::: |          | 106        |          |                 |          |          |          |          |           | $\Box$   |   |
|                        | ~          | 7        |          |                  |                 |                 |          |          |           |       | 57       |              | Ш               |              |          |         |  |          | _      |          | 107        |          | Ш               |          |          |          |          | $\perp$   | $\dashv$ |   |
|                        | 8          | 7        |          |                  |                 | $\Box$          |          |          | _         |       | 58       |              | Ш               |              |          | _       |  | _ _      | _      |          | 108        | _        |                 | _        |          | _        |          | $\dashv$  | $\bot$   |   |
| <u></u>                | 9          | 7        |          | _                | Ш               | $\sqcup$        | _        | _        | 4         |       | 59       | _            |                 | _            | _        | ļ       | -  |          | 4      |          | 109        | _        | <b></b> -       |          |          | _        |          | _         | _        |   |
| $\vdash$               | 10         | 7        | _        | <del> </del>     | Ш               | $\vdash$        | _        | _        | $\dashv$  |       | 60       | ├            | Ш               | }            |          | -       |  | -        | 4      |          | 110        |          | -               | -        |          |          |          | -         | -        | _ |
| $\vdash$               | 11         | Q        | +        | ₩                | Н               | $\sqcup$        | 4        | $\dashv$ | _         |       | 61       |              | $\vdash$        | -            | _        | +-      | $\vdash$   | +        | -      |          | 111        | $\vdash$ | $\vdash \vdash$ | 4        | 4        | _        | _        | $\dashv$  | $\dashv$ | _ |
| $\vdash$               | 12         | X        | +        | ₩                | $\vdash$        | $\vdash \vdash$ | -        | +        | _         |       | 62       | ⊢            | $\vdash$        |              |          | +       | $\vdash \vdash$                                  |          | -      | ļ        | 112        | -        |                 | 4        |          |          |          | +         | $\dashv$ |   |
| $\vdash$               | 13         | 000      | +        | 1                | $\vdash$        | $\vdash \vdash$ | $\dashv$ | +        | $\dashv$  |       | 63       | ╂            | $\vdash \vdash$ | -+           | +        | +-      | ╁┼┼  | +        | -      | <u> </u> | 113<br>114 | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | -        | $\dashv$  | $\dashv$ | _ |
| $\vdash$               | 14<br>15   | 띩        |          | ┼                |                 | $\vdash$        |          | +        |           |       | 64<br>65 | $\vdash$     | $\vdash\vdash$  | $\dashv$     | +        | +       | $\vdash \vdash$                                  | $\dashv$ | -      | ļ        | 115        |          | -               |          |          | -        |          | -         | $\dashv$ |   |
|                        | 16         | 70       | +-       | ╁                | Н               | $\vdash$        | ┰        | -+       | $\dashv$  |       | 66       | ╁            | Н               | <del>-</del> | +        | +       | -  | +        | -      |          | 116        | _        | -               | $\dashv$ | $\dashv$ |          | $\dashv$ | $\dashv$  | $\dashv$ | _ |
|                        | 17         | 75       | +        | ┼─               | $\vdash$        | -               | $\dashv$ | $\dashv$ | $\dashv$  |       | 67       | $\vdash$     | Н               | -+           | +        | +-      | -  | -        | -      |          | 117        | _        | <del></del>     | -+       | -        |          | ᅱ        | ┽         | $\dashv$ | _ |
| $\vdash$               | 18         |          | $\dashv$ | +                | $\vdash$        |                 |          | +        | $\neg$    |       | 68       | $\vdash$     | Н               | _            |          | +       | $\vdash$   | +        | -      |          | 118        |          | $\vdash$        |          | _        | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | _ |
| $\vdash$               | 19         |          |          | 1                |                 |                 | -        | -        | -         |       | 69       | T            | Н               | +            | ╅        | +       | $\vdash$   | +        | -      |          | 119        | -        | $\vdash$        | $\dashv$ | -        | -        | $\dashv$ | $\dashv$  | 十        | _ |
| $\vdash$               | 20         | ন        |          |                  | П               | $\vdash$        |          |          |           |       | 70       | T            | Н               | _            | $\top$   | $\top$  | $\vdash$   | .        | 1::::  |          | 120        |          | $\vdash$        | _        | 一        | $\dashv$ | ᅥ        | $\dashv$  | 寸        |   |
| $\vdash$               | 21         |          | $\top$   |                  | П               | $\Box$          | ヿ        | 十        |           |       | 71       |              | П               | $\dashv$     | $\dashv$ | ╅       |  | 1        | 7      |          | 121        |          | П               |          |          | 一        | ヿ        | 寸         | _        |   |
|                        | 22         |          |          |                  |                 |                 |          |          |           |       | 72       | Т            | П               | $\neg$       |          |         |  |          | 7      |          | 122        |          | П               | T        | コ        | コ        | 一        | $\exists$ | $\neg$   |   |
|                        | 23         |          |          |                  |                 |                 |          |          |           |       | 73       |              |                 |              |          |         |  |          |        |          | 123        |          |                 |          |          |          |          | $\Box$    |          |   |
|                        | 24         |          |          |                  |                 |                 |          |          |           |       | 74       |              |                 |              |          |         |  |          |        |          | 124        |          |                 |          |          |          |          |           |          |   |
|                        | 25         |          |          | L                | Ш               |                 |          |          | _         |       | 75       | L            | Ш               |              |          |         | Ш  |          | _      |          | 125        |          | Ш               | _        |          | ᆜ        |          |           |          |   |
|                        | 26         | $\Box$   |          | L                | Ш               | Ц               | _        | _        | _         |       | 76       | _            | Ш               | $\perp$      |          | ↓       | Ш  |          | _      |          | 126        |          | Ш               |          | _        | Ц        | _        | $\dashv$  | _        |   |
|                        | 27         |          | _        |                  | Ш               | Ц               | _        |          | _         |       | 77       | _            | Ш               | $\perp$      | _        | 4_      |  | _        | _      |          | 127        | _        |                 | _        |          | _        |          | _         | _        |   |
| <u> </u>               | 28         | _        |          | ļ                |                 | Щ               | 4        | _        | _         |       | 78       | <u> </u>     | $\sqcup$        | _            | _ _      | _       |  | _        | _      |          | 128        |          | $\sqcup$        | _        |          |          | _        | $\dashv$  | $\dashv$ |   |
|                        | 29         | $\dashv$ |          | <u> </u>         |                 |                 | -        | 4        | 긕         |       | 79       | <u> </u>     | Ш               | -            | -        | +       | $\vdash$   |          | 4      |          | 129        |          | -               | _        | _        |          | _        | $\dashv$  | 4        | _ |
| $\vdash$               | 30         |          |          | -                | Н               | _               | $\dashv$ | 4        | 4         |       | 80       |              | Н               | +            | +        | +       | $\vdash$   | +        | -      |          | 130        |          |                 |          |          |          |          | $\dashv$  | -        |   |
| -                      | 31<br>32   | -        | _        | $\vdash$         | $\vdash$        |                 | $\dashv$ | $\dashv$ | _         |       | 81<br>82 | _            | $\vdash$        | +            | +-       | +       | $\vdash \vdash$                                  |          | -      |          | 131<br>132 | -        | +               | $\dashv$ | -        | $\dashv$ | $\dashv$ | +         | $\dashv$ | _ |
| -                      | 33         | $\dashv$ |          | -                | Н               | $\dashv$        | +        | +        | $\dashv$  |       | 83       | -            | $\vdash$        | +            |          | +-      | ┝╾┼╴   | +        | -      |          | 133        | Н        | $\vdash$        | $\dashv$ |          | $\dashv$ |          | -+        | $\dashv$ | _ |
| $\vdash\vdash$         | 34         | $\dashv$ | +        | $\vdash$         | $\vdash \vdash$ | $\dashv$        | $\dashv$ | +        | $\dashv$  |       | 84       | ┢            | $\vdash \vdash$ | +            | +        | +       | $\vdash \vdash$                                  | +-       | 1      |          | 134        | H        | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | - |
| $\vdash$               | 35         | -        | $\dashv$ | $\vdash$         | H               | $\dashv$        | $\dashv$ | +        | $\dashv$  |       | 85       | $\vdash$     | H               | $\dashv$     | $\dashv$ | +       | <del>                                     </del> | +-       | 1      | -        | 135        | Н        | $\vdash$        | $\dashv$ | +        | -        | +        | $\dashv$  | +        | _ |
| $\vdash$               | 36         | $\dashv$ |          |                  | $\vdash$        | $\dashv$        | 十        | +        | $\neg$    |       | 86       | $\vdash$     | H               | 十            | +        | +       | $\vdash$   | +        | 1      |          | 136        | $\vdash$ | $\vdash$        | $\dashv$ | $\dashv$ | $\dashv$ | $\neg$   | $\dashv$  | $\dashv$ | _ |
|                        | 37         | $\dashv$ |          | $\vdash$         | Н               | $\dashv$        | $\dashv$ | $\dashv$ | $\dashv$  |       | 87       | T            | Н               | 十            | 十        | T       |  | $\top$   | 1      |          | 137        |          |                 | +        |          | _        | $\dashv$ | $\dashv$  | $\dashv$ | _ |
|                        | 38         |          |          |                  |                 |                 | 丁        |          |           |       | 88       |              |                 |              | 丁        |         | $\sqcap$   | $\top$   | 7      |          | 138        |          | $\vdash$        | 7        | 7        | ┪        | $\dashv$ | $\dashv$  | $\dashv$ | _ |
|                        | 39         |          |          |                  |                 |                 |          |          |           |       | 89       | L            |                 |              |          |         |  |          |        |          | 139        |          |                 |          |          |          |          |           |          | _ |
|                        | 40         |          |          |                  |                 |                 |          |          |           |       | 90       |              |                 |              |          |         |  |          |        |          | 140        |          |                 |          |          |          |          | $\Box$    |          |   |
|                        | 41         |          |          |                  | Ш               | П               | $\Box$   |          |           |       | 91       |              | Ш               | $\bot$       | $\perp$  | 厂       | $\Box$   |          |        |          | 141        |          | Ш               | $\bot$   | ╝        |          |          | $\bot$    | $\Box$   |   |
| <u> </u>               | 42         | $\sqcup$ |          | L_               | Ш               | $\sqcup$        |          |          |           |       | 92       | <u> </u>     | Ш               | _            | $\perp$  | $\perp$ | $\sqcup \bot$                                    |          | 4      |          | 142        | Ш        | Ш               | 4        | $ \bot $ | _[       |          | $\perp$   | $\perp$  |   |
| $\vdash \vdash$        | 43         |          |          | $\vdash$         | $\sqcup$        | $\sqcup$        | $\dashv$ | _        | _         |       | 93       | <u> </u>     | $\sqcup$        | _            |          | _       | $\vdash$   | 4        | 4      |          | 143        | Щ        | $\perp$         | 4        | 4        | 4        | _        | $\dashv$  | $\dashv$ | _ |
| $\vdash$               | 44         |          | _        | $\vdash$         | $\sqcup$        | $\dashv$        |          | $\dashv$ |           |       | 94       | -            | ${oxdot}$       | $\dashv$     | +        | +       | $\vdash \vdash$                                  | +        | 4      |          | 144        | Щ        | <u> </u>        | $\dashv$ | _        | _        | _        | $\dashv$  | $\dashv$ |   |
| $\vdash$               | 45         |          | - -      | $\vdash$         | $\vdash \vdash$ | $\dashv$        |          |          |           | L     | 95       | -            | $\vdash \vdash$ | $\dashv$     | +        | +       | $\vdash \vdash$                                  | +        | -      |          | 145        | Щ        | $\vdash$        | $\dashv$ | $\dashv$ | 4        | _        | $\dashv$  | $\dashv$ |   |
| $\vdash$               | 46<br>47   | $\dashv$ |          | $\vdash$         |                 | $\dashv$        |          | +        | ᅵ         |       | 96<br>97 | $\vdash$     | $\vdash$        | +            | +        | ╄       | -  | -        | -      |          | 146        | Н        | $\dashv$        | +        | 4        | 4        | -        | +         | 4        | _ |
| $\vdash\vdash$         | 47         | $\dashv$ | +        | $\vdash$         |                 | -               | $\dashv$ | $\dashv$ | ႕         |       | 98       | $\vdash$     | $\vdash$        | $\dashv$     | +        | +       | $\vdash$   | +-       | -      |          | 147<br>148 | $\vdash$ | $\vdash$        | $\dashv$ |          | -        | $\dashv$ | +         | $\dashv$ | _ |
| $\vdash \vdash \vdash$ | 49         | $\dashv$ |          | <del>  -  </del> | $\vdash$        | $\dashv$        | $\dashv$ | +        | $\dashv$  |       | 99       |              | $\vdash$        | $\dashv$     | +        | +       | $\vdash$   | +        | -      |          | 149        | $\vdash$ | +               | +        | $\dashv$ | $\dashv$ | -        | +         | $\dashv$ |   |
| $\vdash$               | 50         | $\dashv$ | +        | $\vdash$         | $\vdash$        | -               | $\dashv$ | +        | ⊣         |       | 100      | $\vdash$     | $\vdash$        | $\dashv$     | +        | +       | <del>                                     </del> | $\dashv$ | 1      |          | 150        | $\vdash$ | -               | $\dashv$ | $\dashv$ | $\dashv$ | +        | +         | +        |   |